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(54) **IMAGE PROCESSING APPARATUS AND METHOD**

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(57) **ABSTRACT**

The present disclosure relates to an image processing apparatus and method that make it possible to decode encoded data of 3D data with increased ease.

A bit stream is generated which includes projection direction information including information relating to a projection direction of position information of 3D data representative of a three-dimensional structure on a two-dimensional plane and encoded data of a geometry image obtained by projecting the position information on the two-dimensional plane. The present disclosure can be applied, for example, to an information processing apparatus, an image processing apparatus, electronic equipment, an information processing method, a program, or the like.